

## General Information

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## Contracting Office Address

Defense Energy Support Center (DESC), 8725 John J. Kingman Road, Room 3830, Fort Belvoir, Virginia 22060-6222.

## Description

This is a SOURCES SOUGHT NOTICE to determine the availability of potential sources to privatize applicable electric distribution, water distribution and wastewater collection systems at Hickam Air Force Base, Hawaii and electric and water distribution systems at Bellows Air Force Station, Waimanalo, Hawaii.

The **Hickam AFB, HI Electric Distribution System** is power supplied from two Hawaiian Electric Company (HECO) sources at 46 kV. The HECO sources are overhead to near the Base's "Front Station" where HECO-owned transformers step the voltage down to 12.47/7.2 kV for distribution throughout the Base. Base power distribution lines are both overhead and underground and serve a combination of Base housing units, office-type facilities, and mission support facilities. In addition to the Front Station switchgear, there is the "Back Station" which includes switchgear for distribution to the southern portion of the Base. Two underground express feeders connect the Front Station to the Back Station. Additional feeders provide a loop between the two stations. There are approximately 20 miles of overhead primary distribution, 26 miles of underground distribution, and approximately 500 building service step-down transformers. The 1998 consumption for the entire facility was 77.2 million kWh with a peak demand of 23,7000 kW.

The **Hickam AFB, HI Water Distribution System** is supplied to Hickam AFB by the U.S. Navy. There are six metered connections to the Navy potable water system that supply water to the Hickam AFB potable water distribution system. Three of the meters are an 18-inch turbine meter with a telescopic register and totalizer, installed in below-grade concrete vaults. The other three meters are 12-inch Hershey compound meters that have low-, medium-, and high-flow registers also installed in below-grade concrete vaults. The U.S. Navy is currently servicing these compound meters. A 12-inch connection to the Board of Water Supply water system that is located near the Honolulu International Airport side of the installation has been valved off from the system and is not currently used. The distribution system at Hickam AFB includes piping, valves, backflow preventers, meters, and associated appurtenances. Distribution network main pipelines range in size from 4 to 18 inches in diameter and are constructed of case iron, asbestos cement, ductile iron, and PVC pipe. Service laterals are typically 1- to 3-inch copper pipe. There are approximately 463,700 linear feet of piping.

Water usage by the Base averages approximately 6.5 mgd. Hickam AFB is currently regulated by the State of Hawaii Safe Drinking Water Branch and is classified as a consecutive distribution system coupled to the Navy's potable water system.

The **Hickam AFB Wastewater Collection System** is treated at the Fort Kamehameha Sewage Treatment Plant (STP), which is under U.S. Navy jurisdiction and ownership and is located in the western portion of the Base. Wastewater is collected at Hickam AFB in several wastewater collection systems consisting of approximately 406,455 linear feet of vitrified clay, reinforced concrete, PVC, ACP, VP, and cast-iron piping ranging in size from 4 to 24 inches in diameter. Wastewater collection piping at Hickam AFB includes both gravity and pressure piping systems. The wastewater collection system includes 33 sewage pump and lift stations, ranging in size from approximately 100 to 1,000 gpm. Wastewater flows are estimated to average 2.2 mgd. Effluent from the Fort Kamehameha STP discharges into Pearl Harbor from an 18-inch outfall under the Navy's NPDES permit for the STP.

The **Bellows Air Force Station, Waimanalo, HI Electric Distribution System** is supplied from two separate HECO sources at 4.16/2.7 kV. The northern portion of the system is approximately 2 miles of overhead primary with 30 customer service transformers representing about 940 kVA of capacity. The southern portion of the system is approximately 1.2 miles of overhead primary and 0.6 miles of underground primary with 14 customer service transformers representing 320 kVA of capacity. The 1998 consumption for the entire facility was 2.4 million kWh with a peak demand of 527 kW.

The **Bellows Air Force Station, Waimanalo, HI Water Distribution System** is supplied to Bellows AFS by the Board of Water Supply distribution system. The Base potable water distribution system includes two metered connections to Board of Water Supply mains, fire hydrants, valves, and approximately diameter. The Base water system is currently not regulated by the State of Hawaii Safe Drinking Water Branch and is classified as a single-connection to the Board of Water Supply.

The Contractor(s) shall furnish all facilities, labor, materials, tools, and equipment necessary to own, maintain and operate the utility system(s) in a safe and reliable condition. The Contractor(s) shall manage the maintenance, repairs, replacement, etc., of the system(s) to ensure continuous, adequate, and dependable service for each Government or tenant connection within the service area. Real property interests will be conveyed in the form of a Right-of-Way (ROW) as an attachment to the Request For Proposal (RFP). The utility system(s) will be conveyed via a Bill of Sale upon award of the contract. At this time, no solicitation exists: therefore, DO NOT REQUEST A COPY OF THE SOLICITATION. HOWEVER, BE ADVISED THAT SOLICITATION ISSUANCE IS ANTICIPATED ON OR ABOUT SEPTEMBER 22, 2003.

Offerors having the skills and capabilities necessary to perform the stated requirement are invited to provide information to contribute to this market survey/sources sought including, commercial market information and company information via e-mail or facsimile (703-767-2382) to Mily Le, [Mily.Le@dla.mil](mailto:Mily.Le@dla.mil) no later than June 13, 2003. **RESPONSES SHOULD INCLUDE THE FOLLOWING INFORMATION:** company name, address, point of contact, phone number and e-mail address; business size and status such as disadvantaged, 8(a) or HUBZone; corporate affiliations; potential joint venture partners, teaming partners, and/or major subcontractor or (prime). Please direct any questions or concerns to the Contract Specialist for this action: Laurie Carlson, [Laurie.Carlson@dla.mil](mailto:Laurie.Carlson@dla.mil).

**Original Point of Contact**

The POC for this action is Mily Le, Phone: 703-767-2387, Fax: 703-767-2382, Email: [Mily.Le@dla.mil](mailto:Mily.Le@dla.mil).

**Places of Performance**

Location: Hickam Air Force Base, HI

Postal Code: 96853-5233

Country: USA

Location: Bellows Air Force Station, Waimanalo, HI

Postal Code: 96795-1903

Country: USA